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FIG. 1

100

Shopping Web Page	
File	Edit View ...
Address: <a href="http://www.ibm.com/shopping.html">http://www.ibm.com/shopping.html</a>	

*Featured Items. Select an item to see more information.*

Mobile Computing Devices  
Model 123  
Model 456

Desktop Computing Devices  
Model ABC  
Model DEF

Peripherals  
Monitors  
Disk Drives

110

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FIG. 2

100

Shopping Web Page

File Edit View ...

Address: <http://www.ibm.com/shopping.html>

*Featured Items. Select an item to see more information.*

Mobile Computing Devices

Model 123

Model 456

Desktop Computing Devices

Model ABC

Model DEF

Peripherals

Monitors

Disk Drives

110

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FIG. 3

300

```
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE config-data SYSTEM "clipping-config.dtd">
<config-data version="1.0">
  <url>
    310 <![CDATA[http://www.ibm.com/shopping.html]]>
      </url>
      <clipping type="HTML">
        <annotation>
          330 <![CDATA[<?xml version="1.0" encoding="UTF-8"?>
            <annot version="2.0">
              <description take-effect="before" target="/HTML[1]/BODY[1]/*[1]">
                <remove/>
              </description>
              340 <description take-effect="before"
                target="/HTML[1]/BODY[1]/descendant::text()[contains(., 'Results:')]following::TABLE[1]">
                <keep/>
              </description>
              350 <description take-effect="after"
                target="/HTML[1]/BODY[1]/descendant::text()[contains(., 'Results:')]following::TABLE[1]">
                <remove/>
              </description>
            </annot>
          ]]>
        </annotation>
      </clipping>
      <timeout>5</timeout>
      <url-rewriting></url-rewriting>
    </config-data>
```

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FIG. 4

**400**

Candidate Subscription

File Edit View ...

Subscription clipper name : MyIBMSHopping

**415**

— Hello! We think you might like to subscribe to content that is available on our Web page, [www.ibm.com/shopping.html](http://www.ibm.com/shopping.html).

**416**

**420**

— Mobile Computing Devices

**421**

**422**

**430**

— Desktop Computing Devices

**431**

**432**

**440**

— Peripherals

**441**

**442**

**450**

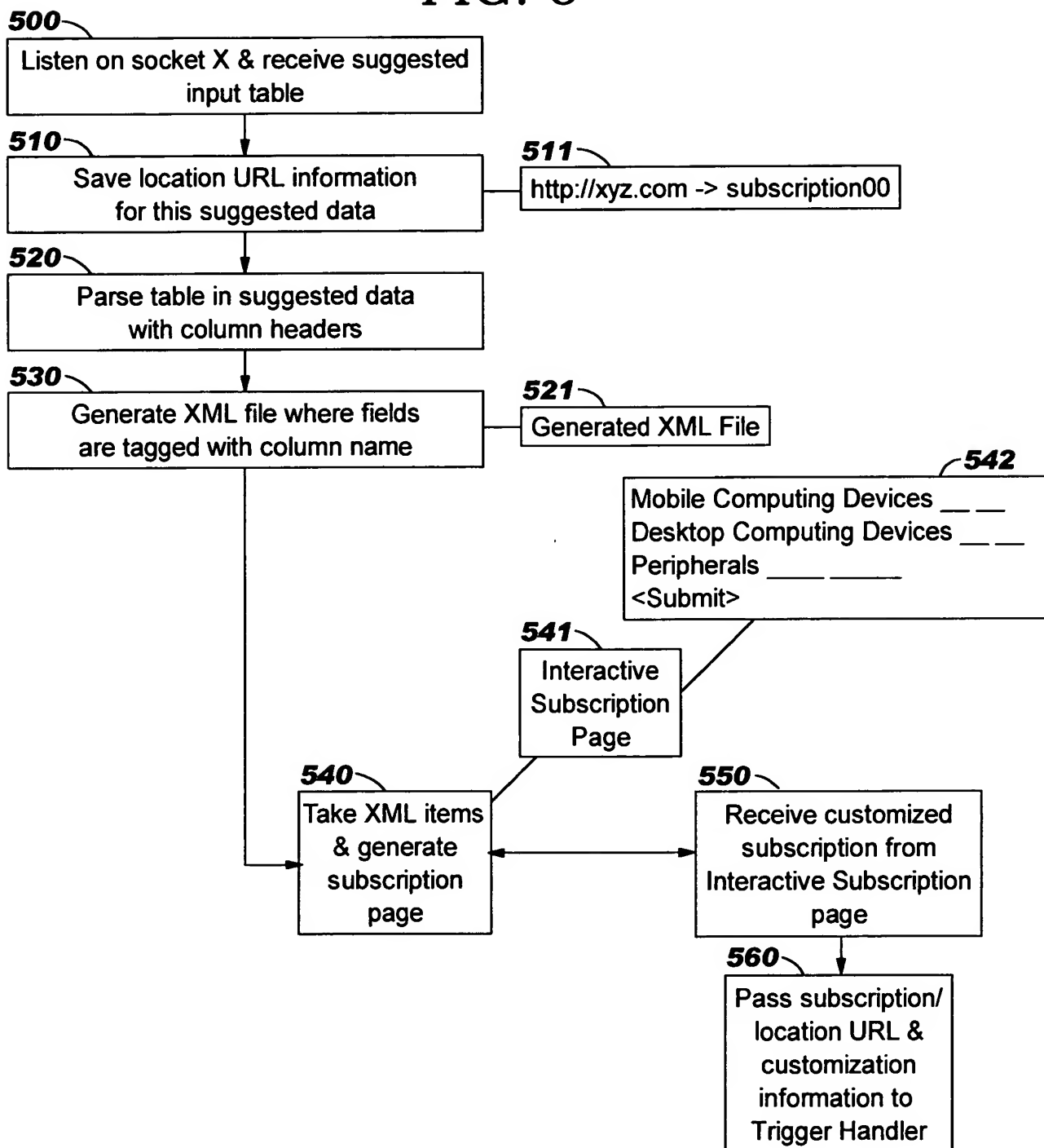
Submit

Cancel

**460**

No Thanks

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FIG. 5



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FIG. 6

```
<XML>
<SubscribedContent>
  <item>
    <name_0> Mobile Computing Devices </name_0>
    <name_1> Model 456 </name_1>
  </item>
  <item>
    <name_0> Desktop Computing Devices </name_0>
    <name_1> Model ABC </name_1>
  </item>
  <item>
    <name_0> Peripherals </name_0>
    <name_1> Monitors </name_1>
  </item>
</SubscribedContent>
<SourceURL> http://www.ibm.com/shopping.html </SourceURL>
</XML>
```

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FIG. 7

700

**410**

Customize Subscription

File Edit View ...

Subscription name : MyIBMSHopping

Specify event(s) for your subscription.

**710** { ☒ Send to my **711** mobile phone **712** always **721** 30 min **722** weekdays

**720** { ☐ Schedule my calendar for When

Submit Cancel

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FIG. 8

```
<xml>
  <SourceURL> http://www.ibm.com/shopping.html</SourceURL>
  <condition_1>
    <name> Mobile Computing Devices </name>
    <condition> Like </condition>
    <value> Model 456 </value>
  </condition_1>
  <condition_2>
    <name> Desktop Computing Devices </name>
    <condition> Like </condition>
    <value> Model ABC </value>
  </condition_2>
  • • •
  <action_1>
    <type> Send </type>
    <device> Mobile Phone</device>
    <When> Always </When>
  </action_1>
  • • •
</xml>
```



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FIG. 9

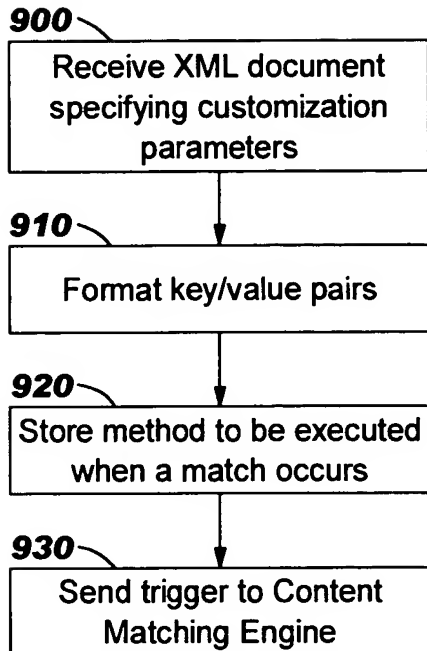


FIG. 10

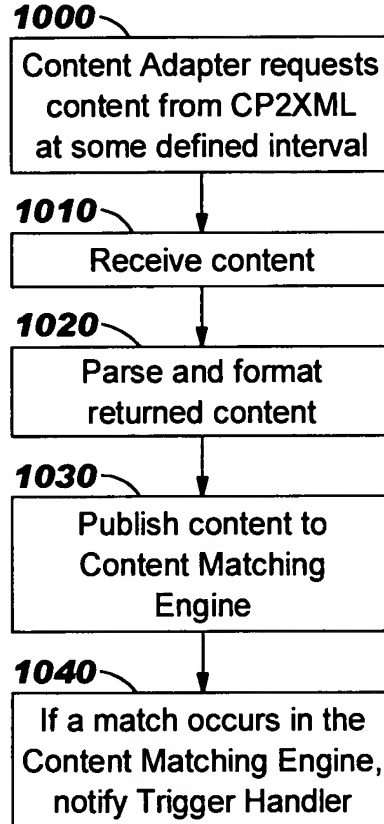
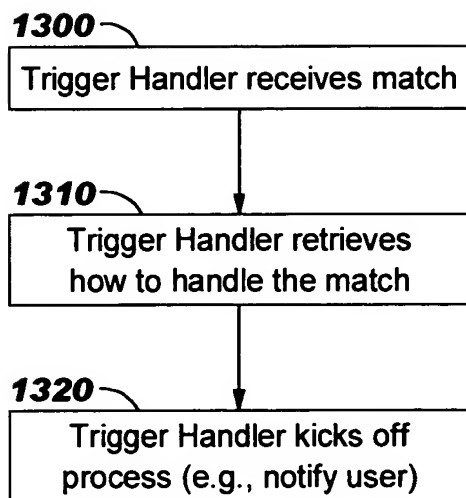
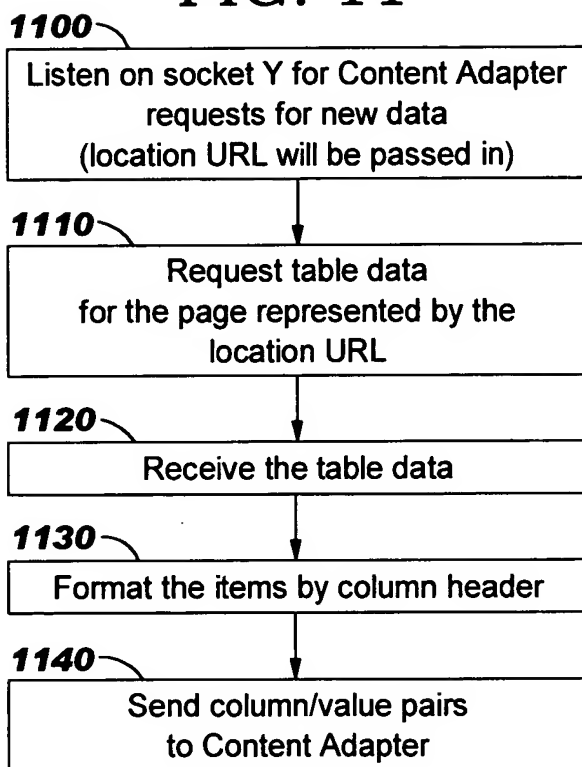


FIG. 13



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FIG. 11



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## FIG. 12

### **1200**

```
<?xml version="1.0" encoding="UTF-8"?>
<ContentRetrieval>
  <item>
    <Category>Mobile Computing Devices</category>
    <product>Model 123</product>
  </item>
  <item>
    <Category>Mobile Computing Devices</category>
    <product>Model 124</product>
  </item>
  <item>
    <Category>Mobile Computing Devices</category>
    <product>Model 456</product>
  </item>
  <item>
    <Category>Mobile Computing Devices</category>
    <product>Model 456 Express</product>
  </item>
  <item>
    <Category>Mobile Computing Devices</category>
    <product>Model 456 Enhanced</product>
  </item>
```

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## FIG. 12

(cont'd)

```
<item>
  <Category>Desktop Computing Devices</category>
  <product>Model ABC</product>
</item>
<item>
  <Category>Peripherals</category>
  <product>Cables</product>
</item>
<item>
  <Category>Peripherals</category>
  <product>Monitors</product>
</item>
</ContentRetrieval>
```

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**FIG. 14**

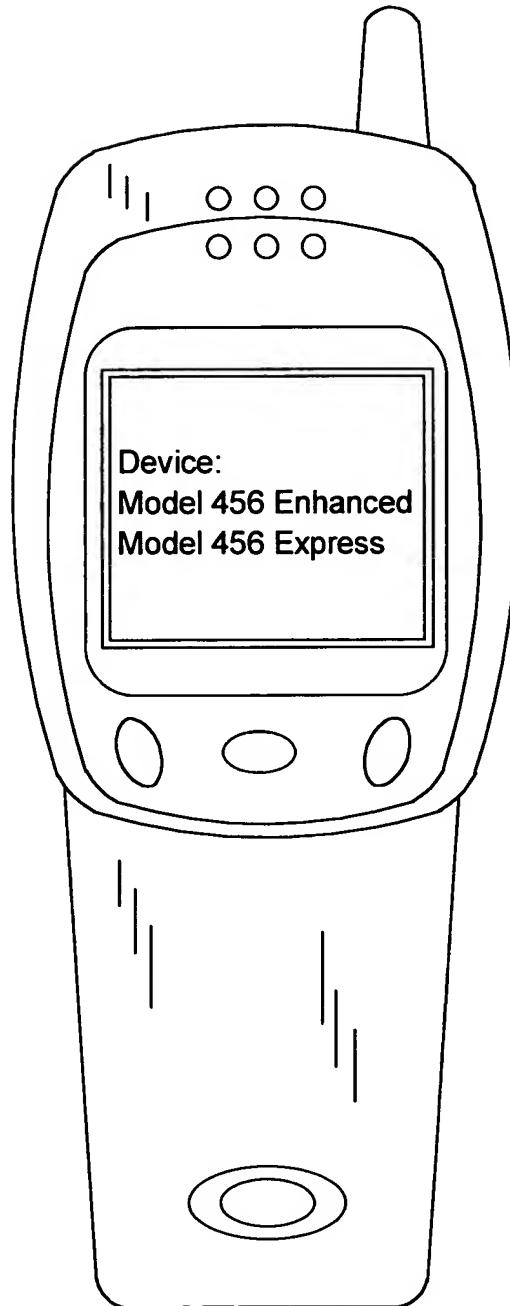


FIG. 15

